

Product datasheet for **SC329904**

CXADR (NM_001207066) Human Untagged Clone

Product data:

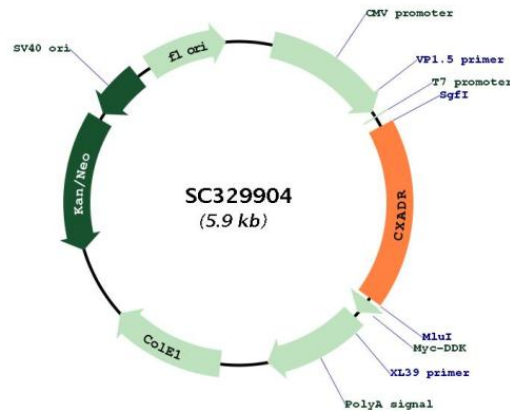
Product Type: Expression Plasmids
Product Name: CXADR (NM_001207066) Human Untagged Clone
Tag: Tag Free
Symbol: CXADR
Synonyms: CAR; CAR4/6; HCAR
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329904 representing NM_001207066.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGCTCCTGCTGTGCTTCGTGCTCCTGTGCGGAGTAGTGGATTCGCCAGAAGTTTGAGTATCACT
ACTCCTGAAGAGATGATTGAAAAAGCCAAAGGGGAACTGCCTATCTGCCATGCAAATTTACGCTTAGT
CCCGAAGACCAGGGACCCTGGACATCGAGTGGCTGATATCACCAGCTGATAATCAGAAGGTGGATCAA
GTGATTATTTTATTCTGGAGACAAAATTTATGATGACTACTATCCAGATCTGAAAGGCCGAGTACAT
TTTACGAGTAATGATCTCAAATCTGGTATGCATCAATAAATGTAAACGAATTTACAAGTGCAGATATT
GGCACATATCAGTGCAAAGTGAAAAAGCTCCTGGTGTGCAAAATAAGAAGATTCATCTGGTAGTTCTT
GTTAAGCCTTCAGGTGCGAGATGTTACGTTGATGGATCTGAAGAAATGGAAAGTACTTTAAGATAAAA
TGTGAACCAAAAGAAGGTTCACTTCCATTACAGTATGAGTGGCAAAAATGTCTGACTCAGAAAAATG
CCCACTTCATGGTTAGCAGAAATGACTTCATCTGTTATATCTGTAATAAATGCCTCTTCTGAGTACTCT
GGGACATACAGCTGTACAGTCAGAAACAGAGTGGGCTCTGATCAGTGCCTGTTGCGTCTAAACGTTGTC
CCTCCTCAAATAAAGCTGGACTAATTGCAGGAGCCATTATAGGAACTTTGCTTGCTCTAGCGCTCATT
GGTCTTATCATCTTTGCTGTCGTAATAAAGCGCAGAGAAGAAAAATGAAAAGGAAGTTCATCAGCAT
ATCAGGGAAGATGTCCACCTCCAAAGAGCCGTACGTCCACTGCCAGAAGCTACATCGGCAGTAATCAT
TCATCCCTGGGGTCCATGTCTCCTTCCAACATGGAAGGATATTCCAAGACTCAGTATAACCAAGTACCA
AGTGAAGACTTTGAACGCACTCCTCAGAGTCCGACTCTCCACCTGCTAAGTTCAAGTACCCTTACAAG
ACTGATGGAATTACAGTTGTATAA
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001207066

Insert Size: 1059 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001207066.1](#)

RefSeq Size: 1669 bp

RefSeq ORF:	1059 bp
Locus ID:	1525
UniProt ID:	P78310
Cytogenetics:	21q21.1
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transmembrane
Protein Pathways:	Viral myocarditis
MW:	38.9 kDa
Gene Summary:	<p>The protein encoded by this gene is a type I membrane receptor for group B coxsackieviruses and subgroup C adenoviruses. Several transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene are found on chromosomes 15, 18, and 21. [provided by RefSeq, May 2011]</p> <p>Transcript Variant: This variant (5, alternatively referred to as CAREx8) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (5) has a shorter and distinct C-terminus compared to isoform 1.</p>